# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 18 Apr 2021 until 23:59 on Monday 19 Apr 2021

Forecast Issued on Sunday 18 Apr 2021 at 03:41

**Confidence:** Moderate to high confidence.

**Headline for Sunday 18 Apr 2021:** Dry. Sunny spells. Frosty in the overnight periods.

**Mountain weather hazards on Sunday 18 Apr 2021**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy Snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>No Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>Medium Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Cloudy | Cloudy | Cloudy | Cloudy | Cloudy | Cloudy |
| Precipitation probability | | | | | |
| <05% | <05% | <05% | <05% | <05% | <05% |

**Forecast for Sunday 18 Apr 2021**

**Weather:** A rather cold start to the day, with an early frost in places around dawn. Dry, with broken cloud and sunny intervals, feeling pleasant in valleys with any sunshine during the day. Sunshine may be strong for a time during the middle of the day.

**Chance of cloud free mountain/hill tops above 600m:** 90% with peaks free of cloud.

**Visibility:** Mostly very good.

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# Mountain Weather Forecast

**Forecast for Sunday 18 Apr 2021**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 5/8 S | 4/5 SW | 6/10 SW | 7/10 W | 6/8 W | 4/5 E | 4/8 SE |
| **300** | 1/4 SE | 2/4 S | 5/8 SW | 6/9 SW | 5/8 NW | 2/3 N | 3/8 E |
| **Valley** | 1/4 S | 2/4 SW | 4/7 SW | 6/10 W | 2/5 W | 2/4 NE | 3/7 E |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 4/2 | 5/4 | 7/5 | 8/6 | 6/4 | 6/4 | 4/3 |
| **300** | 3/2 | 7/7 | 10/9 | 10/9 | 8/7 | 6/5 | 4/3 |
| **Valley** | 4/3 | 8/7 | 10/10 | 10/9 | 9/9 | 7/6 | 5/4 |
| **Freezing Level*** | 1100m | 1000m | 1000m | 1100m | 1200m | 1300m | 1200m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Feeling rather cold on peaks, although winds will be mainly light.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Sun 18 Apr 2021 | 0mm | 0mm | 0mm |

**Forecast for Monday 19 Apr 2021**

**Weather:** An early frost is likely, with some mist and fog patches, mainly in eastern valleys. Dry with sunny spells during the day.

**Maximum wind:** Southeasterly light 6 to 8 mph, gusts 12 to 15 mph.

**Chance of cloud free mountain/hill tops above 600m:** Generally 90%, but with possible early valley fog lifting to peaks in the east.

**Visibility:** Mainly good or very good, locally poor in early morning valley fog in east.

**Temperature:** **Valleys:** Minus 2 Celsius becoming 14 Celsius
**At 600m:** Plus 2 Celsius becoming 8 Celsius.
**Freezing level:** Mostly above the summits, but with early valley frost possible.

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